

**NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE SPECIFICATION
DAM, DIVERSION, PILING**

(Acre)
CODE 348P

1. SITE PREPARATION

The foundation shall be stripped to remove vegetation. Keep out or remove all water or mud from the foundation and maintain in this condition during the construction work.

2. MATERIALS

Steel sheet piles shall conform to the requirements of ASTM Specification A-328.

Sheet piles shall be the standard interlocking type having positive interlocks, effective in both longitudinal and transverse directions, and continuous throughout the length of the pile. Fabrication of piles from shorter lengths of pile stock will not be allowed.

3. PLACEMENT

The sheet piling shall be driven or placed in excavated trenches as per manufacturer's recommendations.

Vertical alignment of the piles shall be plus or minus 0.1 foot, and horizontal alignment shall be within 0.25 foot of that shown on the drawings.

4. EXCAVATION

All trenches excavated for the placement of piles shall have side slopes not steeper than 1:1 and a bottom width no less than two feet.

Excavation of the open trench shall be sufficient to permit the placement of the piles and the assembly of wales, struts, braces, or other work in order that the finished structure will be to the lines and grades as indicated on the drawings.

Excavation shall be done in accordance with all Occupational Safety and Health Act requirements.

5. BACKFILL

Backfill shall be to the lines and grades shown on the drawings and staked in the field.

Fill shall be placed so as to prevent damage to the piling and allow the piling to assume the loads from the fill gradually and uniformly. The height of the fill adjacent to sheet piling shall be increased at approximately the same rate on each side of the piling.

6. MEASUREMENT

The measurement for piling shall be by the linear foot of each type of pile acceptably placed.

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| Conservation practice standards are reviewed periodically, and updated if needed. To obtain the current version of this standard, contact the Natural Resource Conservation Service. |
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